

## SIP SIP 5000/7

**Kind : Vertical machining center**  
**Manufacturer : SIP**  
**Model : SIP 5000/7**  
**Year : 2008**  
**Serial : 4570020**  
**Stock : P2179**



### TECHNICAL DETAILS

- Number of axes	: 4
<b>MILLING SPINDLE</b>	
- Tool holder type	: ISO50
- Spindle power	: 17 [kW]
- Spindle speeds	: 10-4000 [rpm]
- Number of spindle hours	: 29050 [h]
<b>LINEAR AXES</b>	
- Travels on X/Y/Z axes	: 1600/1100/1000 [mm]
- Rapid traverses rates (X/Y/Z)	: 12 [m/min]
- Cutting feed rates (X/Y/Z)	: 0.0001-8 [mm/min]
<b>TOOL CHANGER</b>	
- Auto. Tool Changer type	: Bras chargeur
- Tool magazine capacity	: 120
<b>TABLE</b>	
- Table dimensions	: 1700 X 1200 [mm]
- Maximum weight upon table	: 4000 [kg]
- Distance table / spindle nose (min./max.)	: 85-1085 [mm]
<b>PALLET CHANGER</b>	
- Pallet size	: 1200 X 1200 [mm]
- Pallets number	: 2
<b>POWER SUPPLY</b>	
- Supply voltage	: 400 [V]
- Total installed power	: 55 [kW]
<b>WEIGHT &amp; DIMENSIONS</b>	
- Machine floor space	: 51100 X 7250 [mm]

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- Machine height : 3610 [mm]

- Machine weight : 15000 [kg]

MACHINE HOURS

- Number of hours under power : 94683 [h]

- Number of working hours : 29050 [h]

**EQUIPMENT**

- CNC : Siemens 840 D

- Interface : Ethernet / RS232 / USB / PCMCIA

- Interactive programming : Shopmill

- Electronic handwheel

- Linear scales

- Rigid tapping

- 3 colors status lamp

- Type of divisor : 4e axe CNC intégré

\* travel 4th axis : 360 [°]

\* indexing precision 4th axis : 0.0001 [°]

\* with high-pressure pump : 50 [bars]

\* with paper filtering unit

\* with cooling unit for coolant

- Coolant through spindle

- Chips conveyor

- Oil mist extractor

- Spindle cooling unit

- Tool probe : Renishaw laser NC4

- Workpiece probe : Renishaw